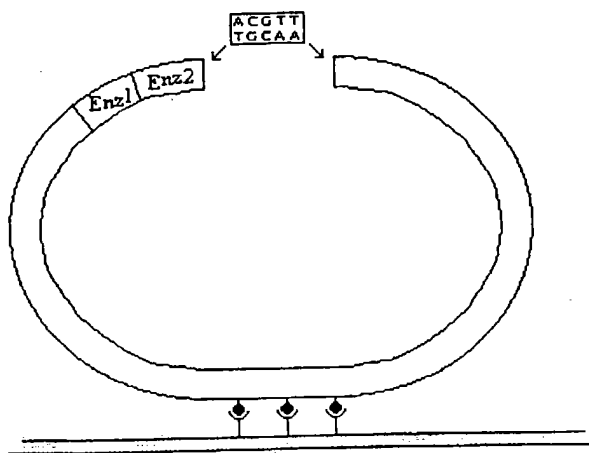


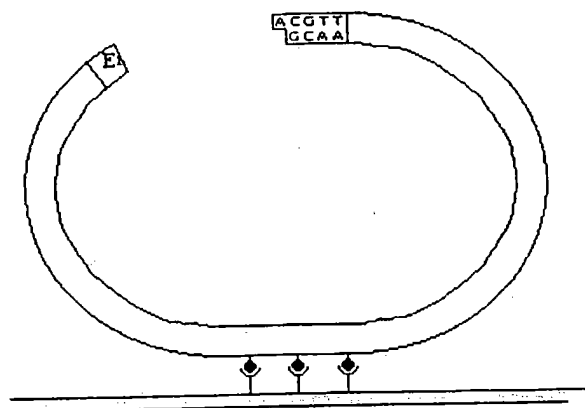
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FIG. 1

1) Ligate DNA pieces  
with base vector

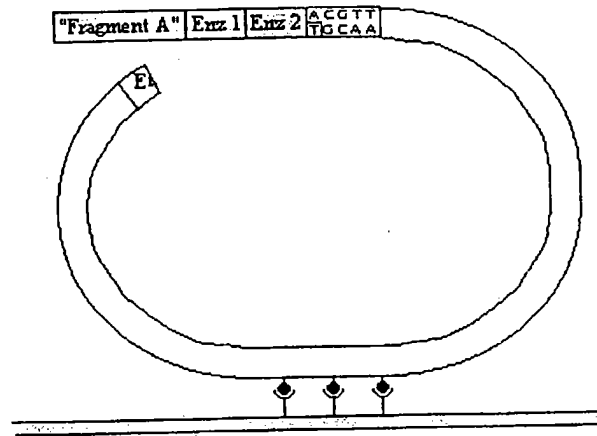


2) Generate overhangs  
with Enz1 and Enz2



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3) Ligation with  
DNA fragments



4) Blunt end  
ligation

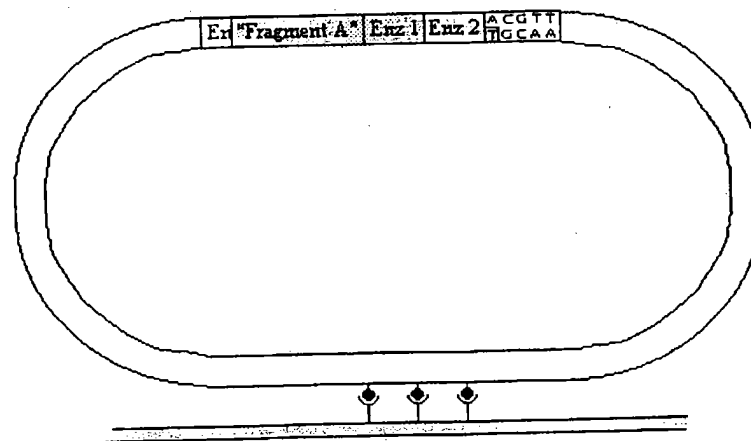


FIG. 1 CONT'D

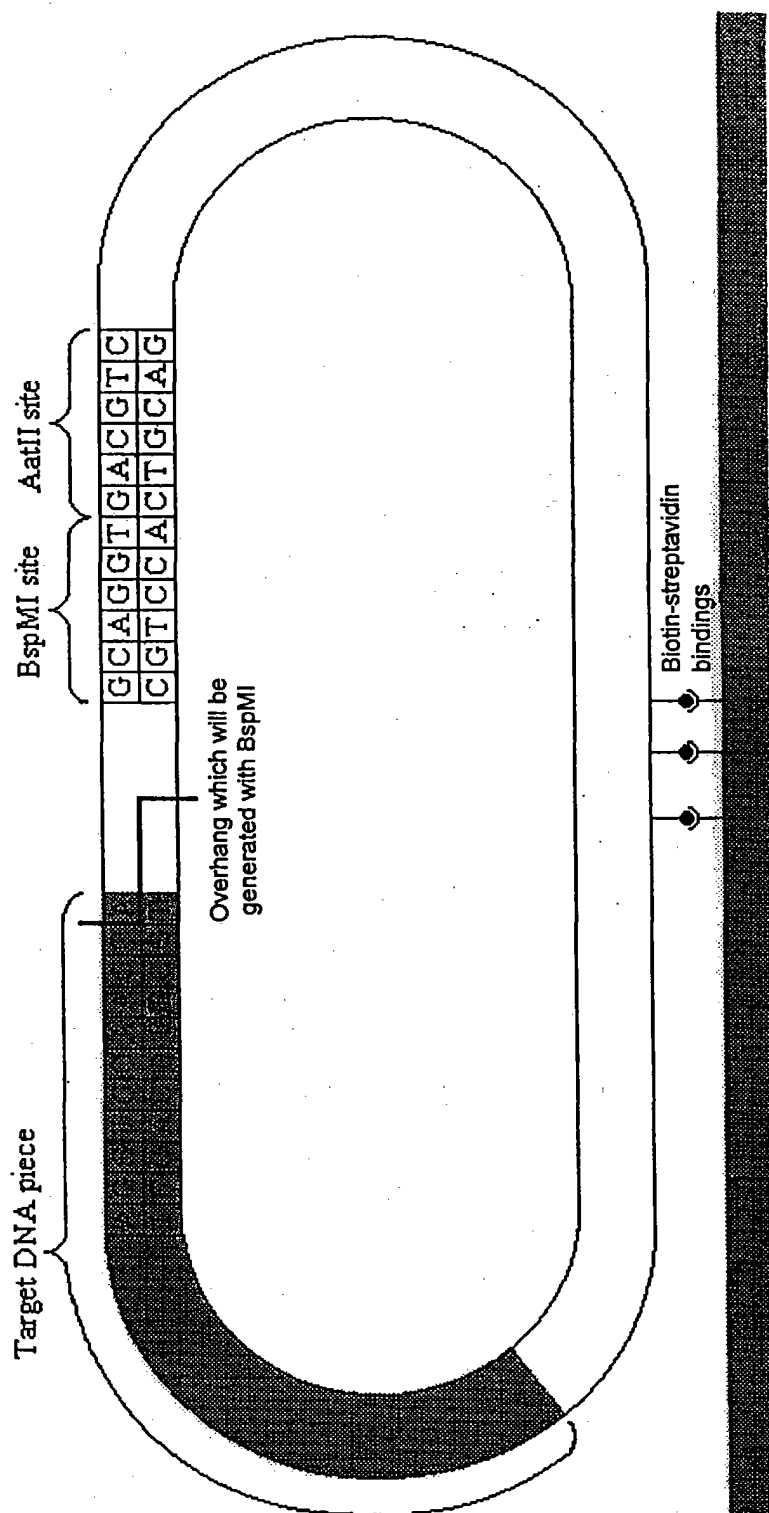


FIG. 2A

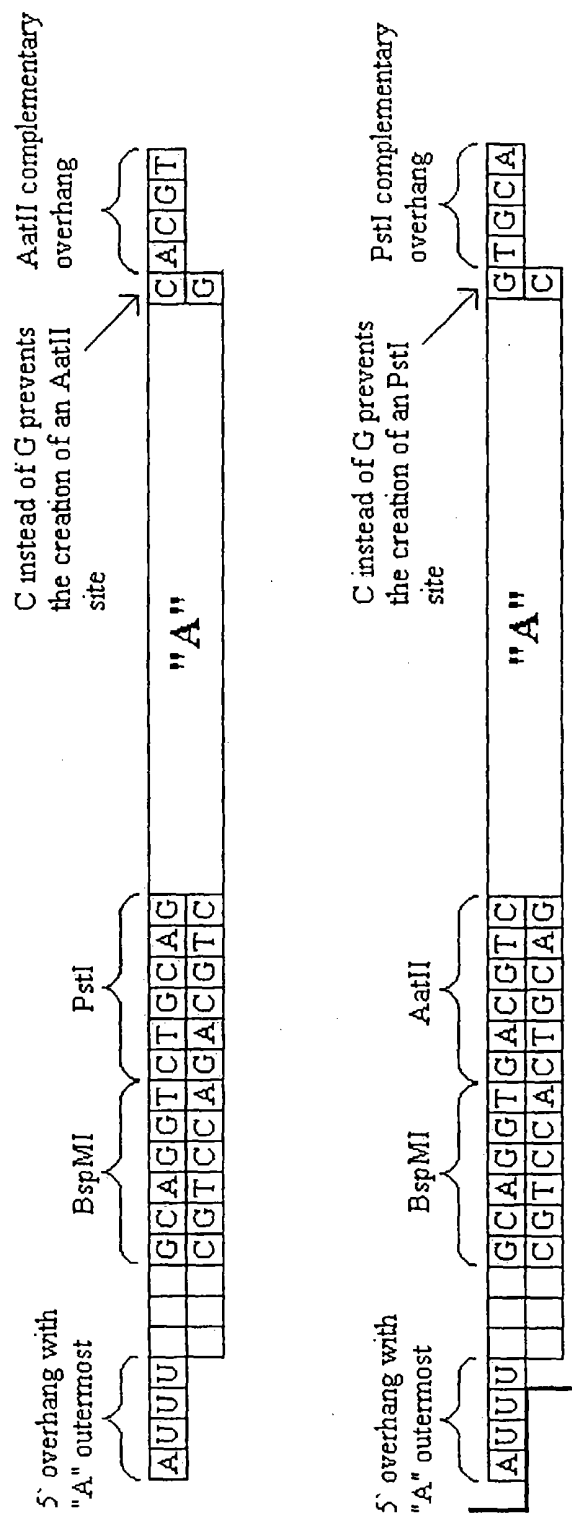
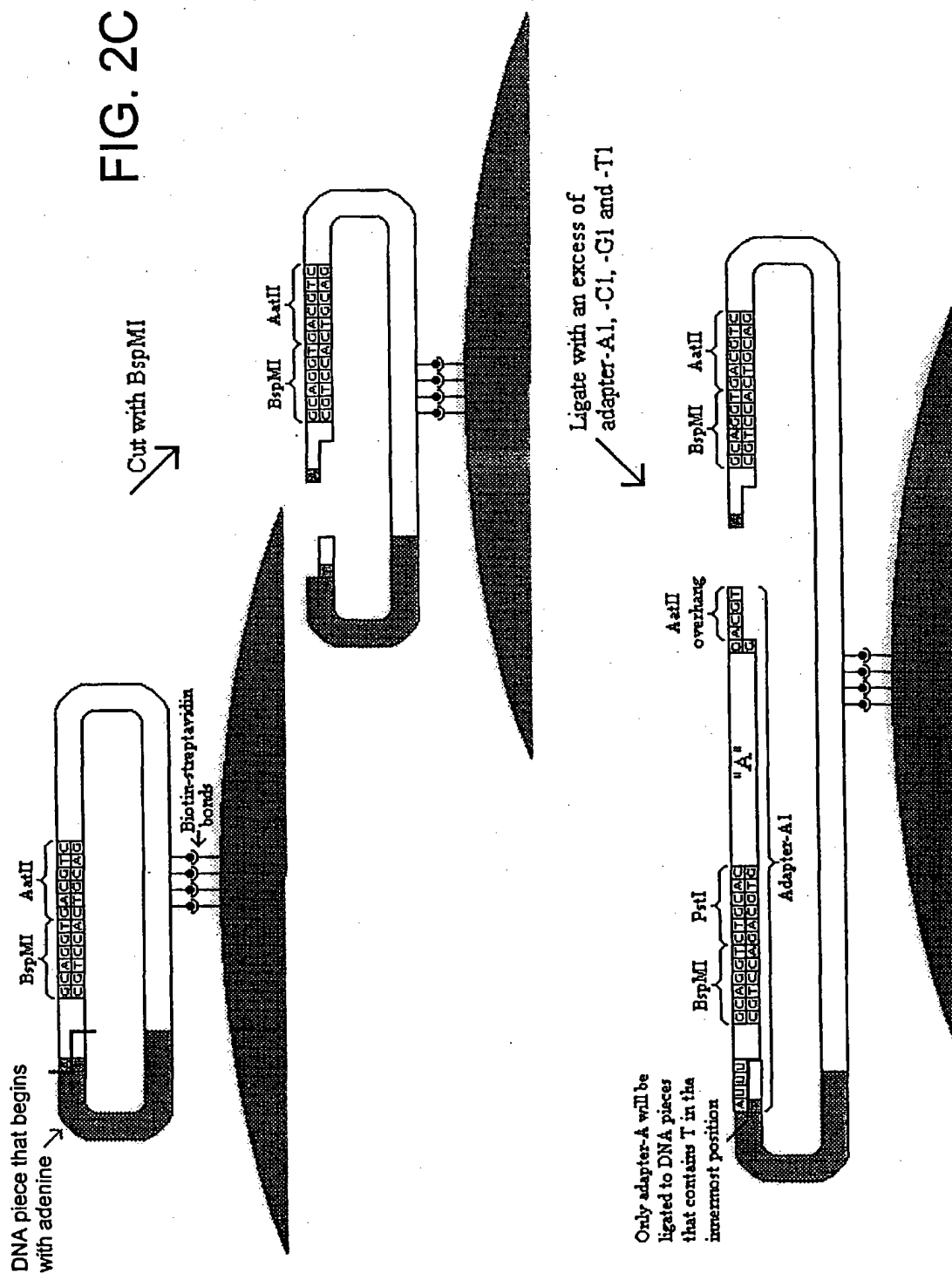


FIG. 2B



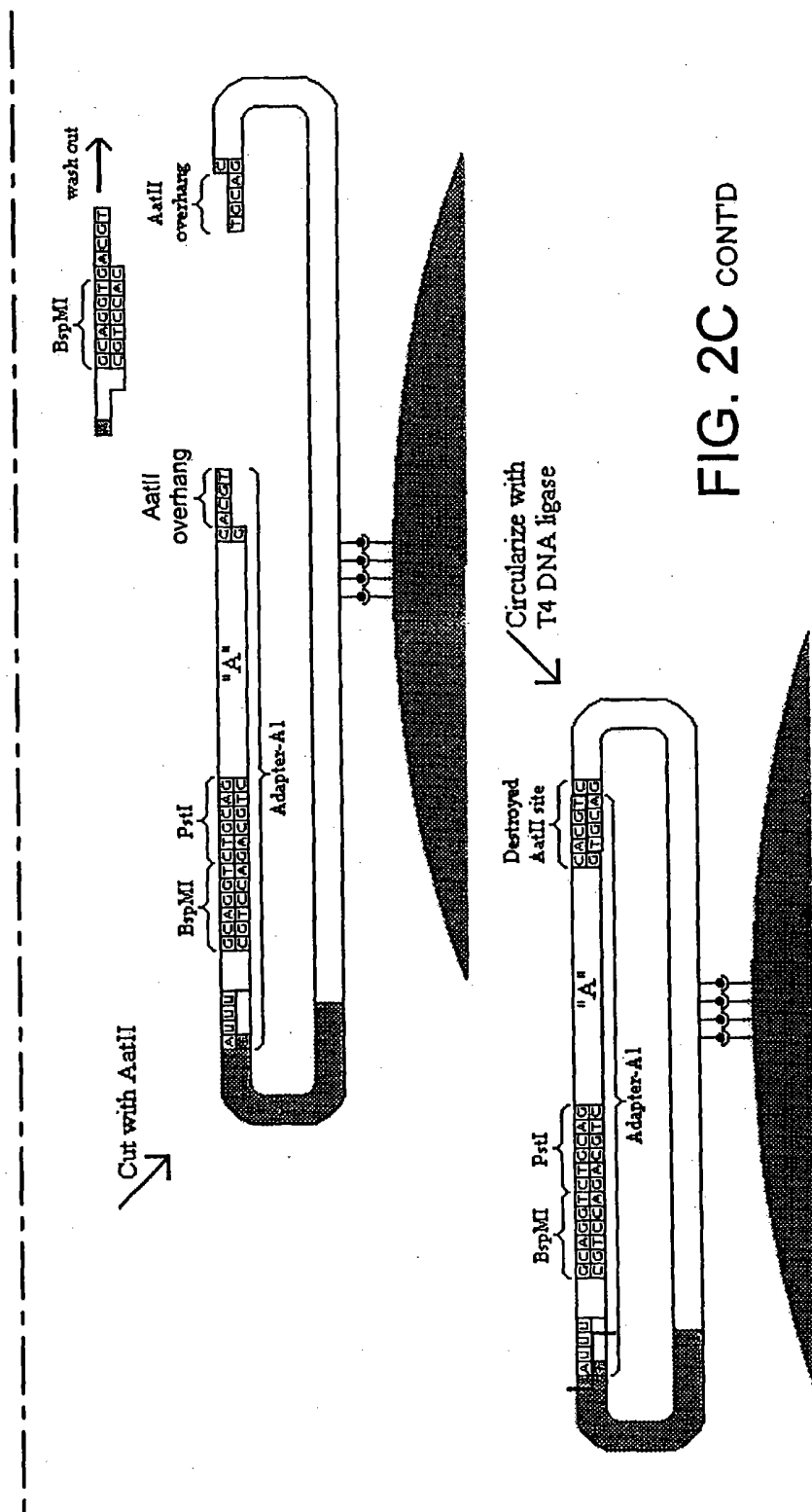
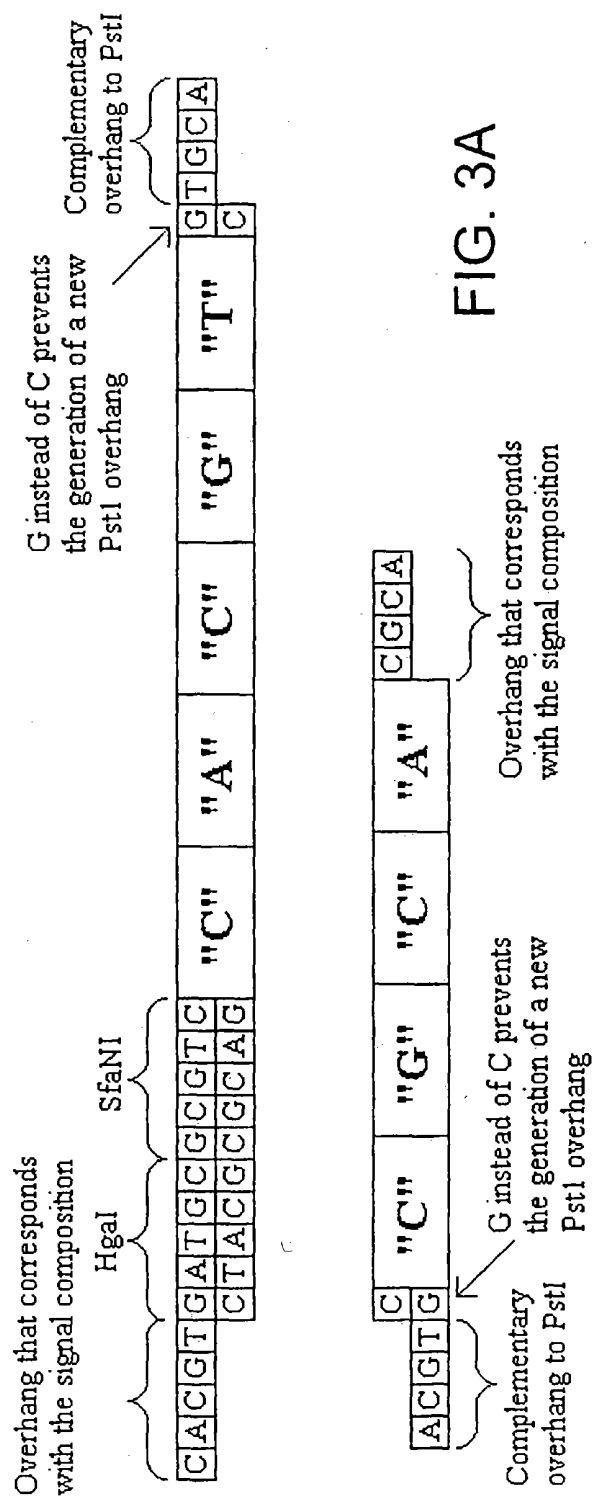


FIG. 2C CONTD









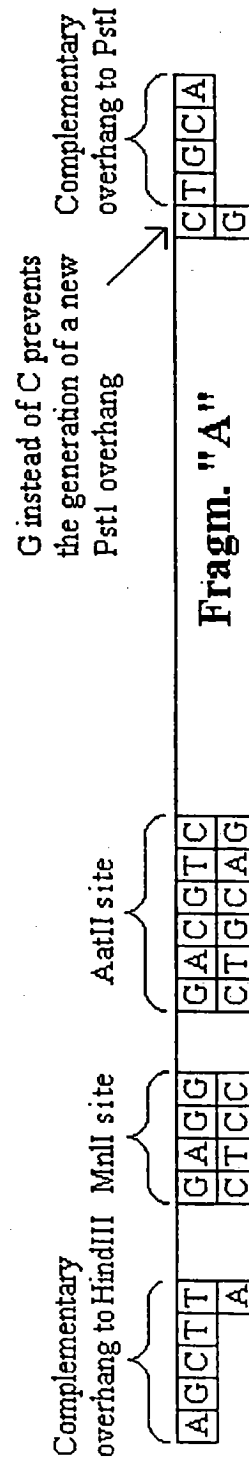
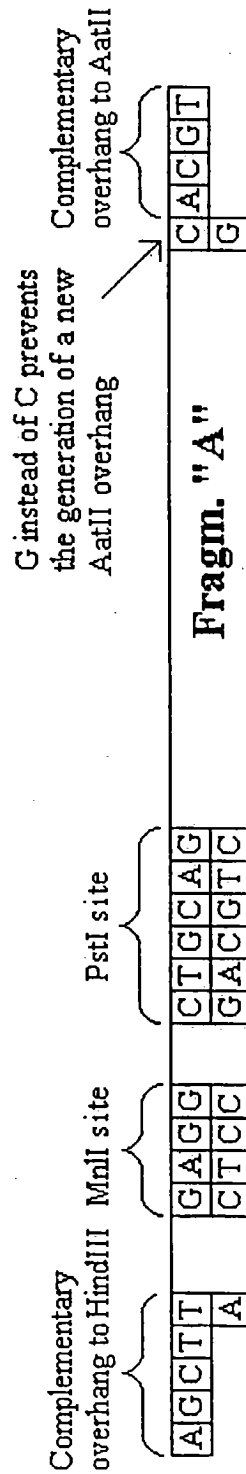
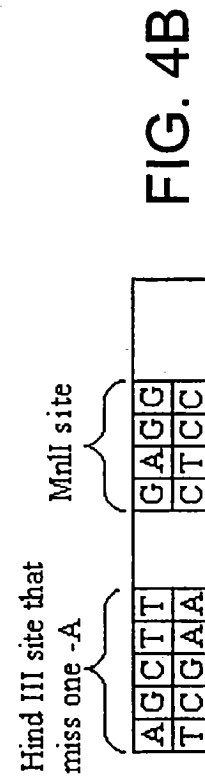


FIG. 4A



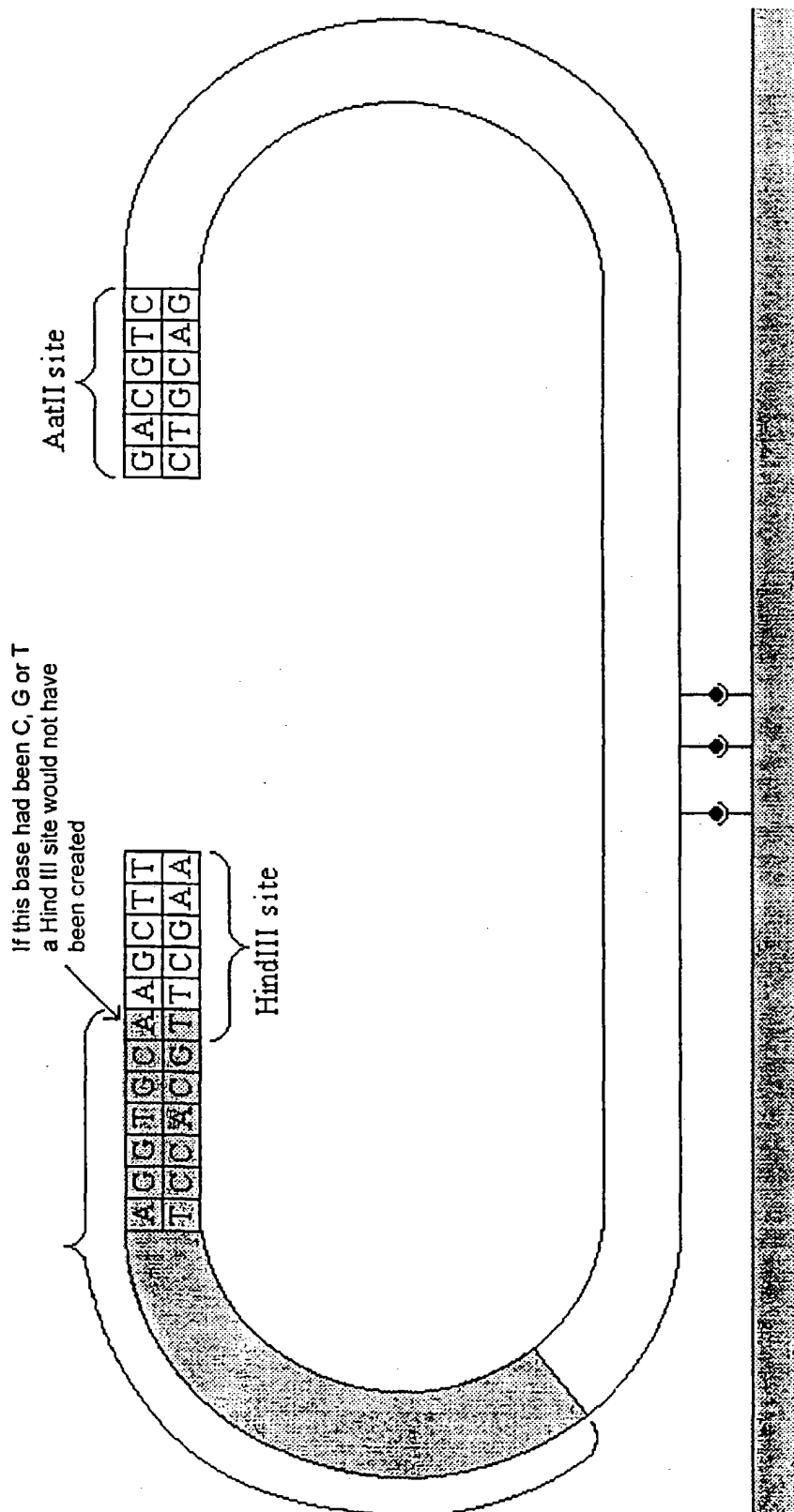
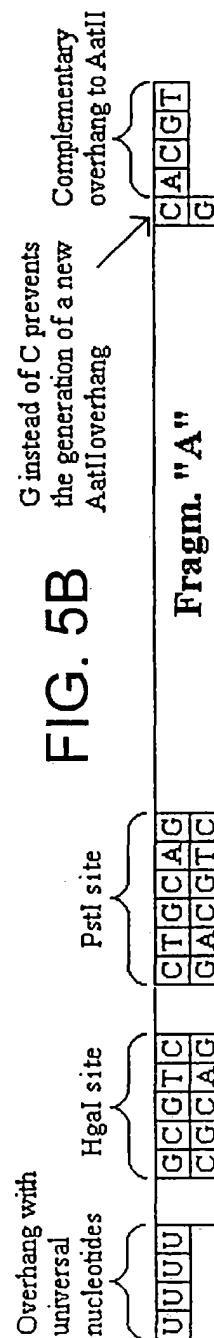
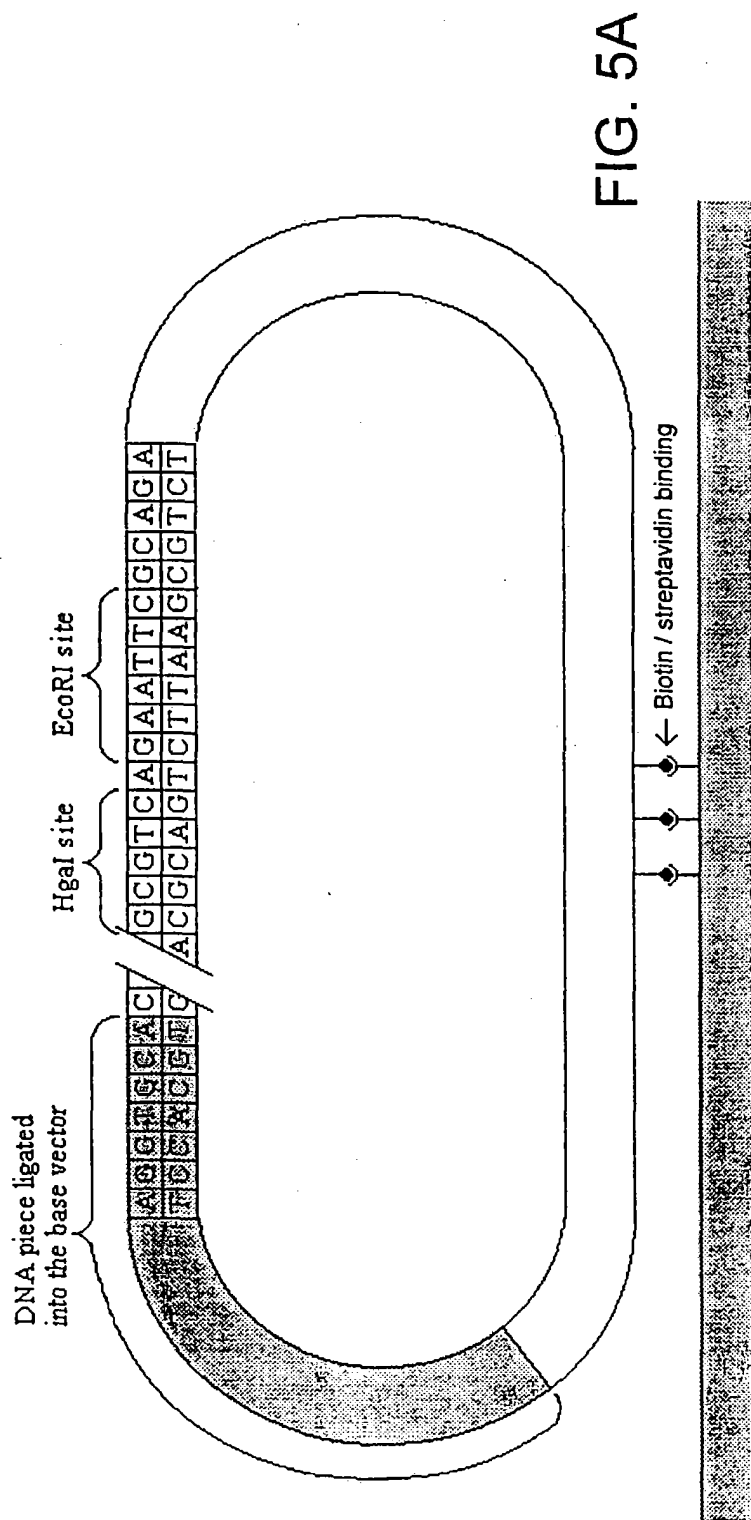


FIG. 4C



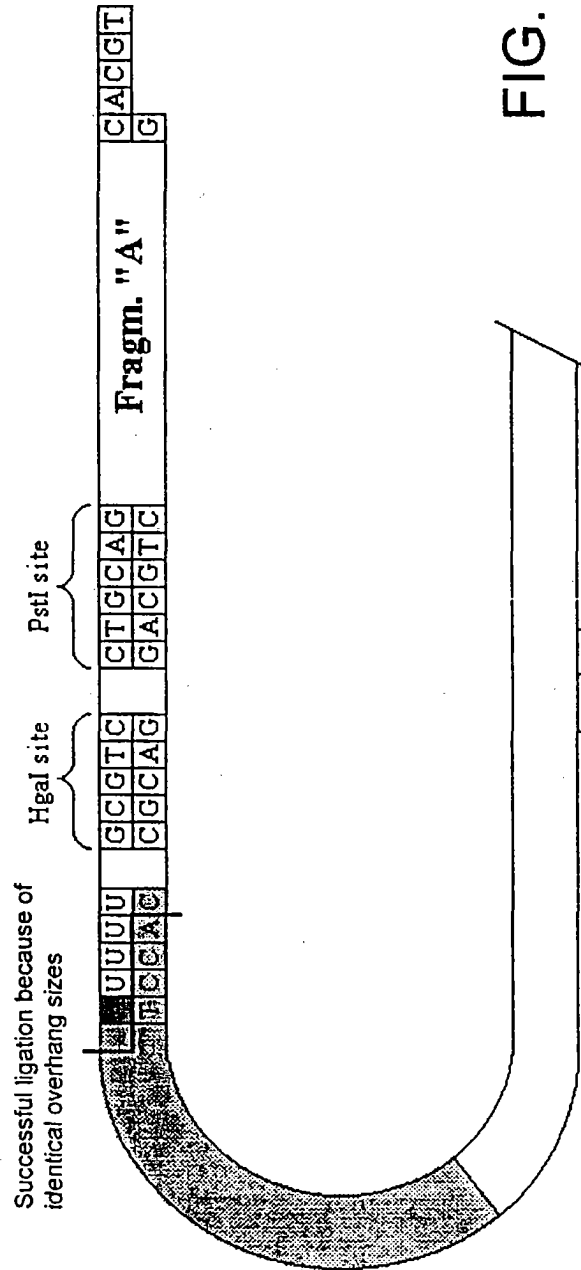
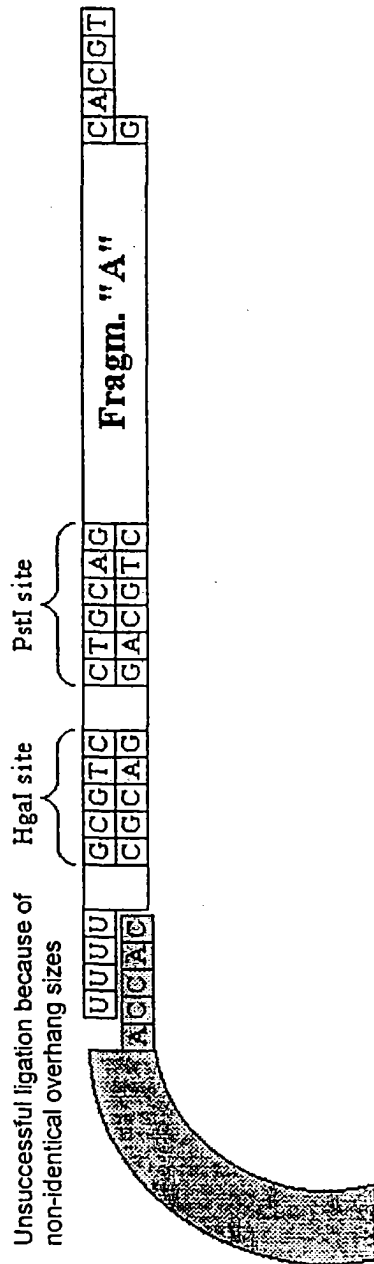
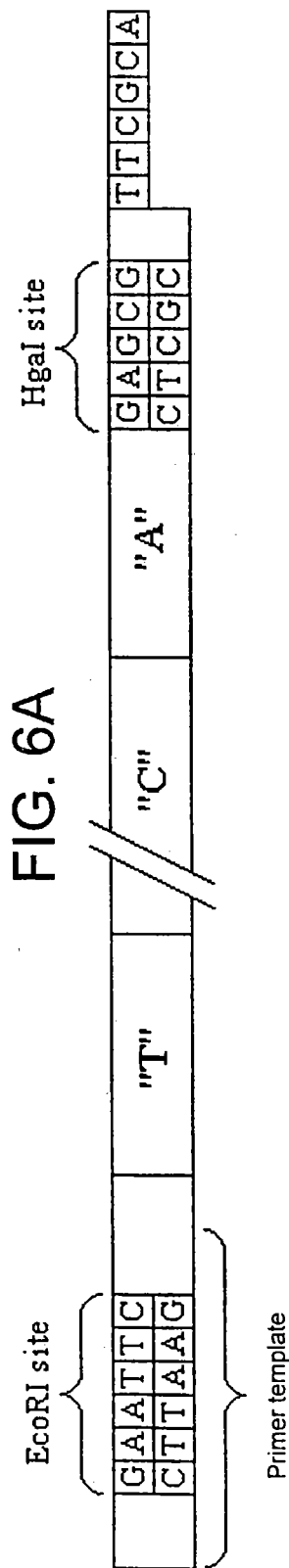


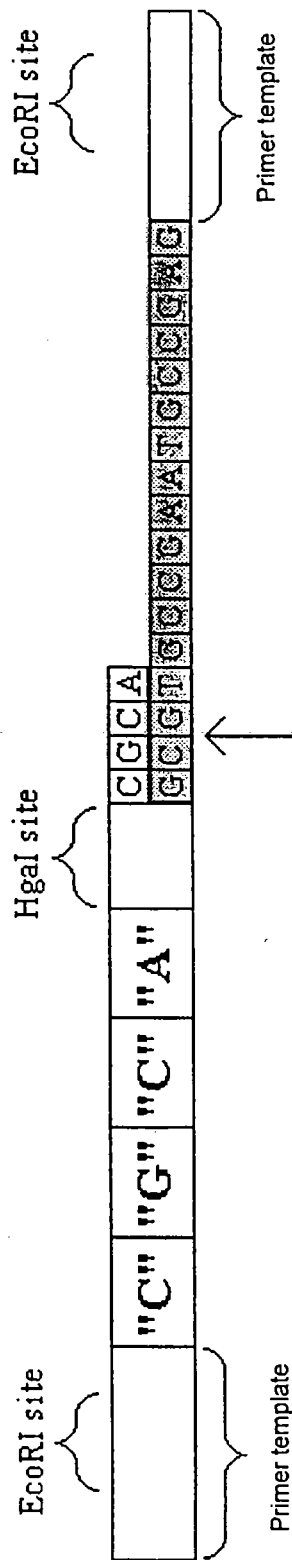
FIG. 5C



Primer-  
template

DNA piece

Adapter





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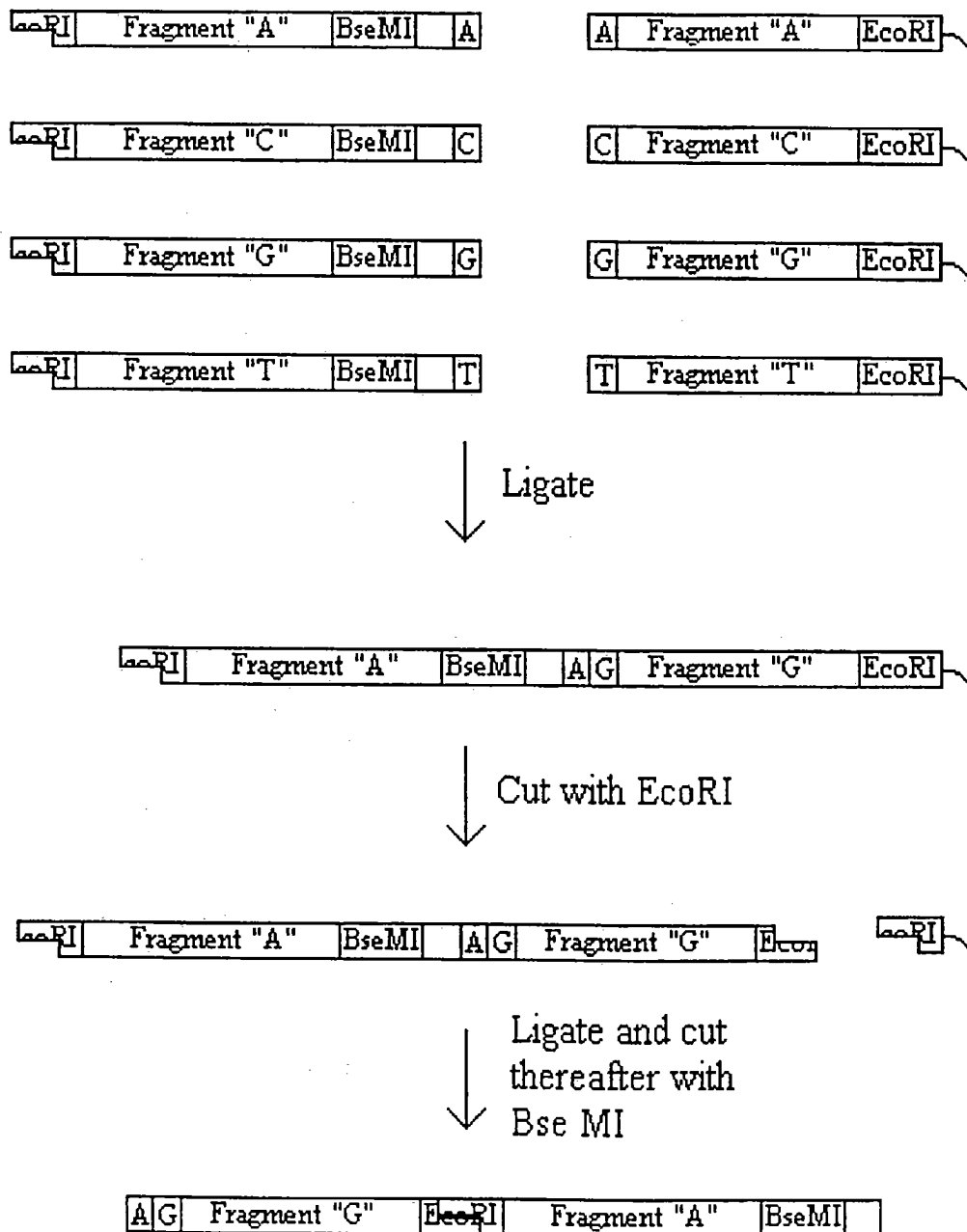


FIG. 8



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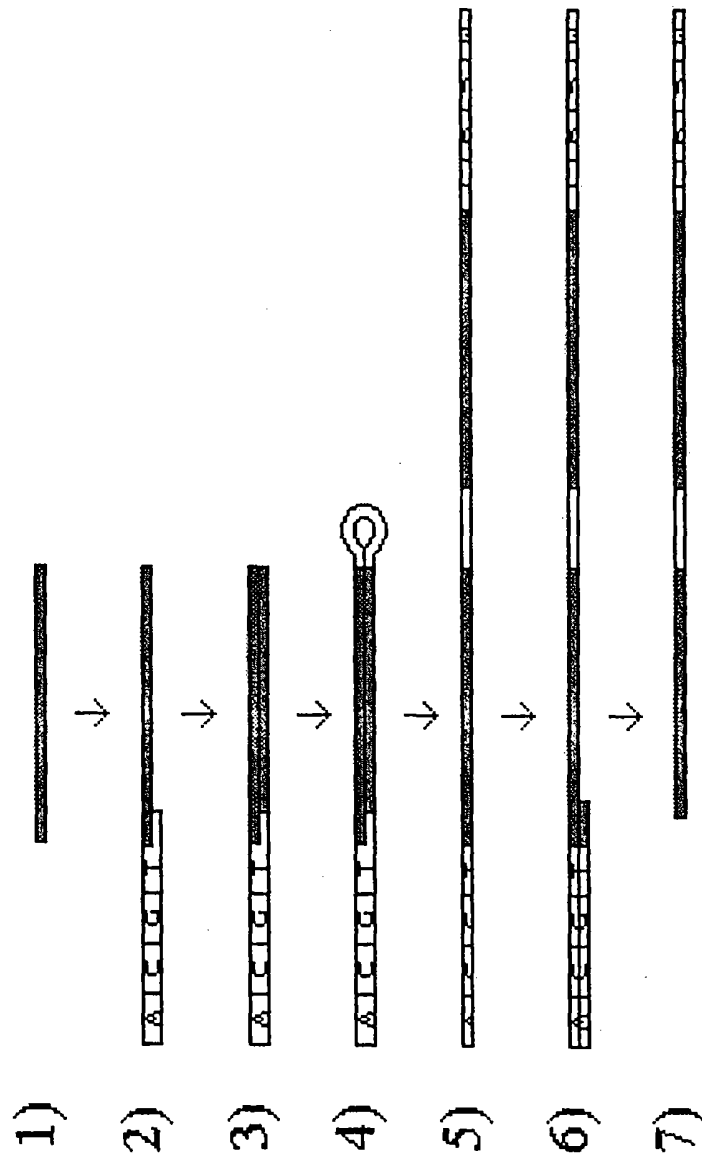


FIG. 9



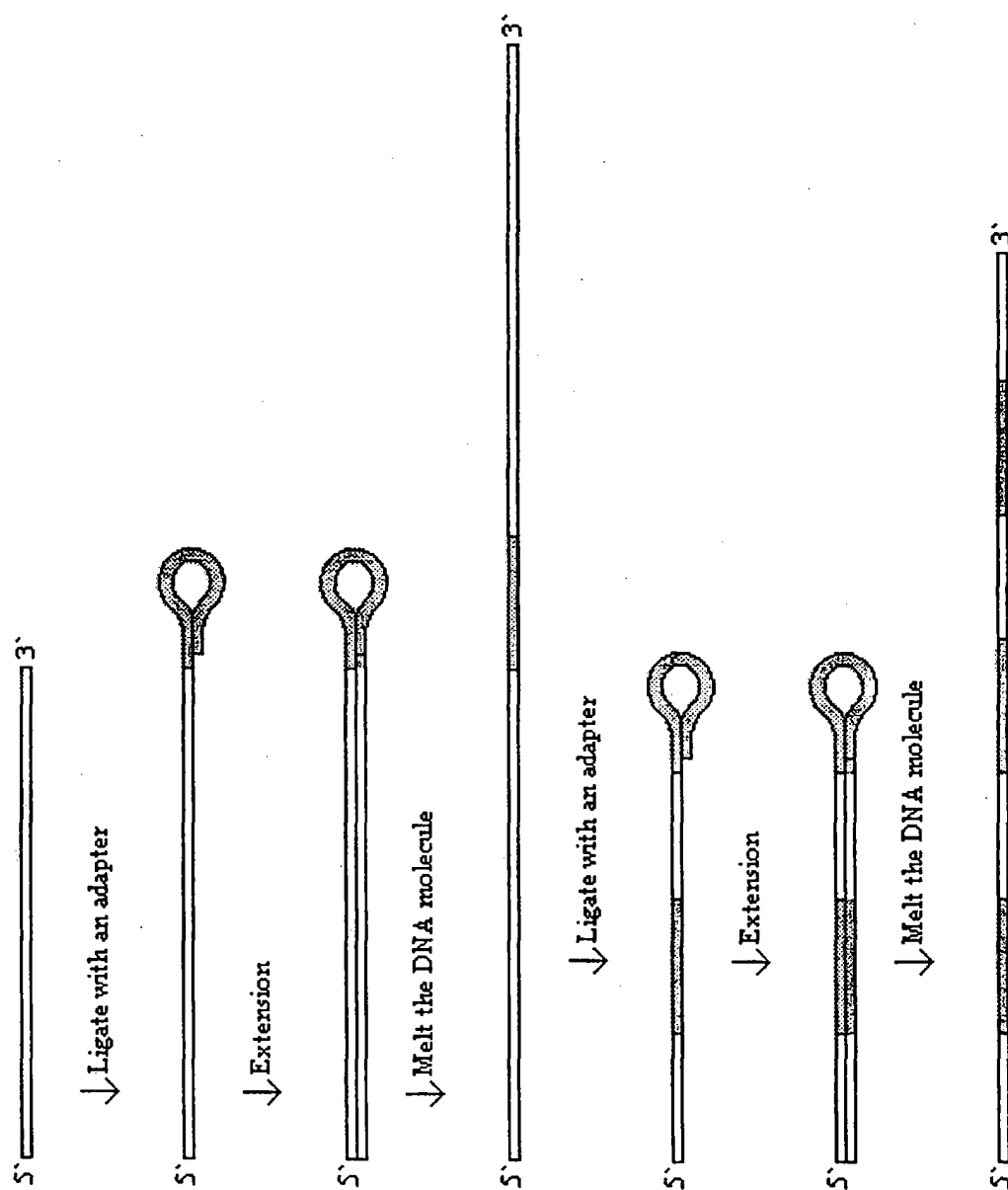


FIG. 11

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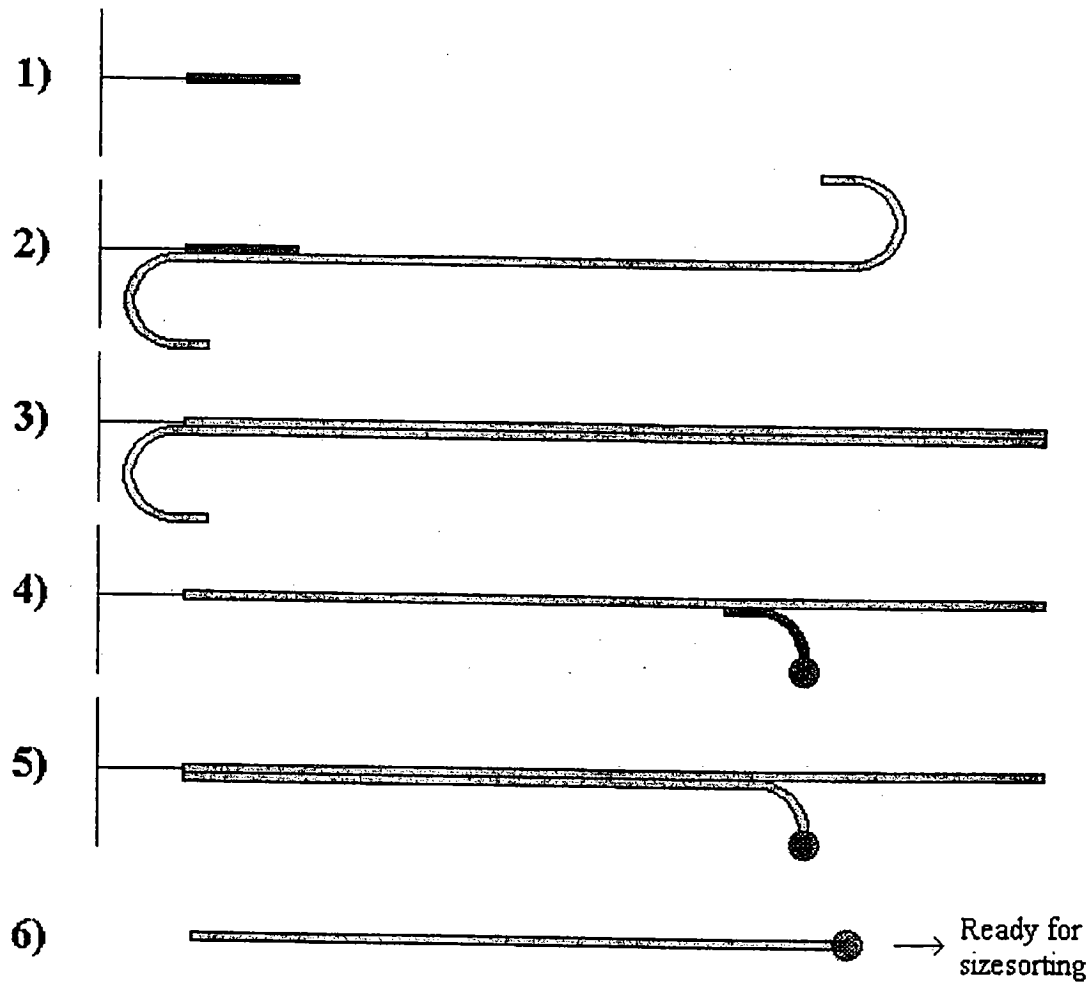
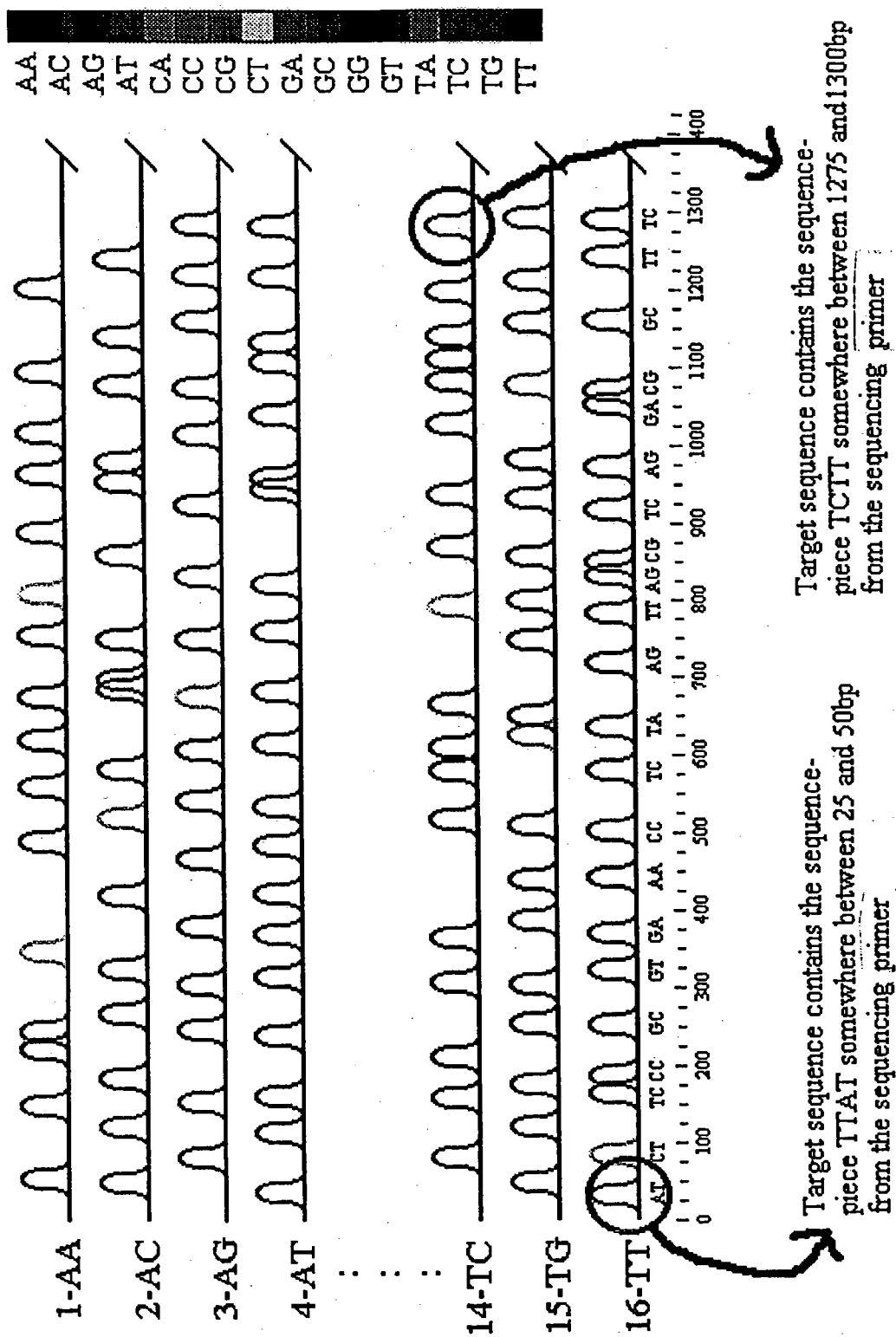


FIG. 12A



FIG. 12B

FIG. 12C



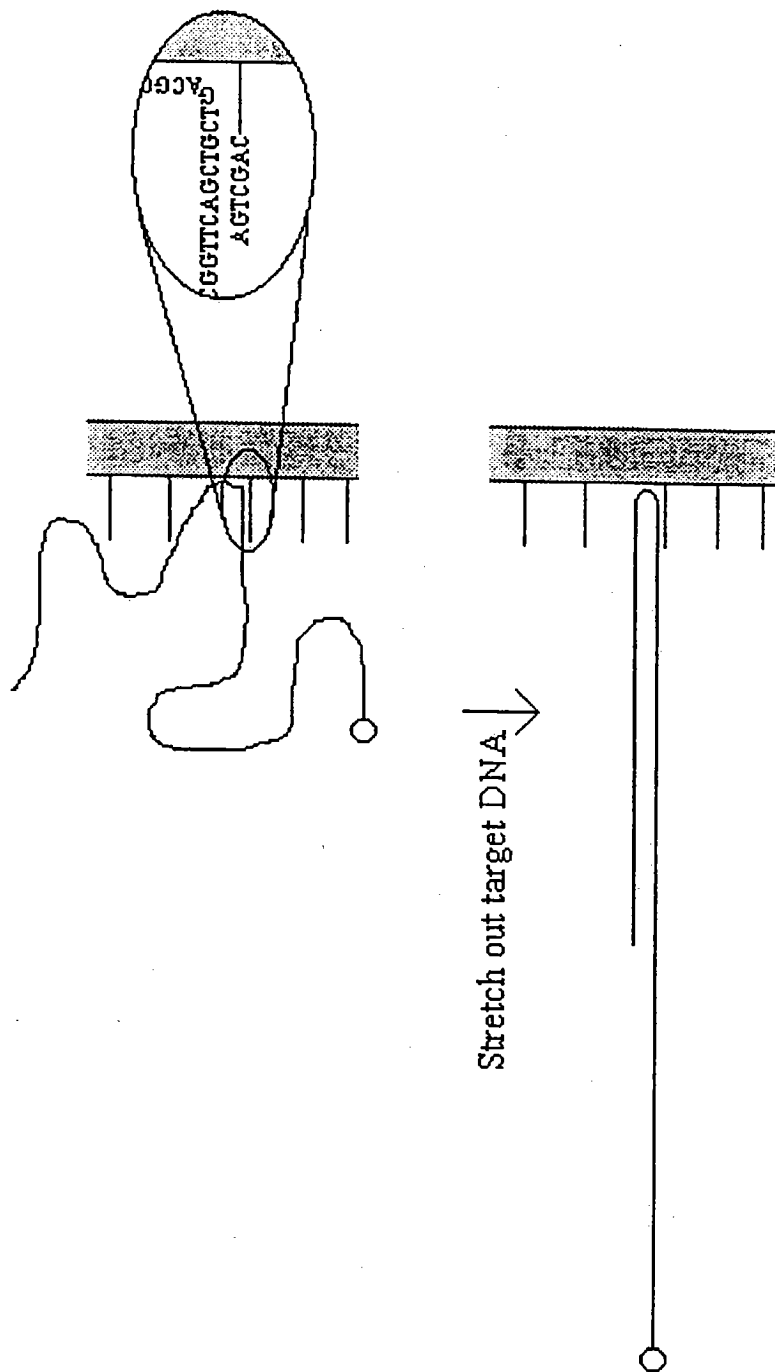


FIG. 13A

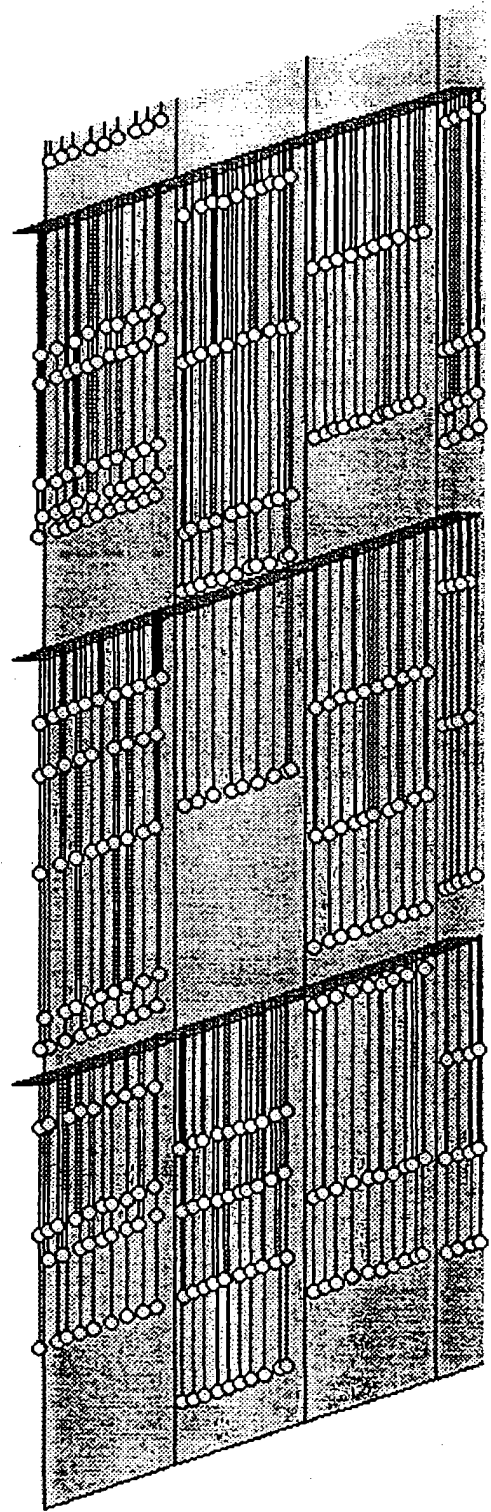


FIG. 13B

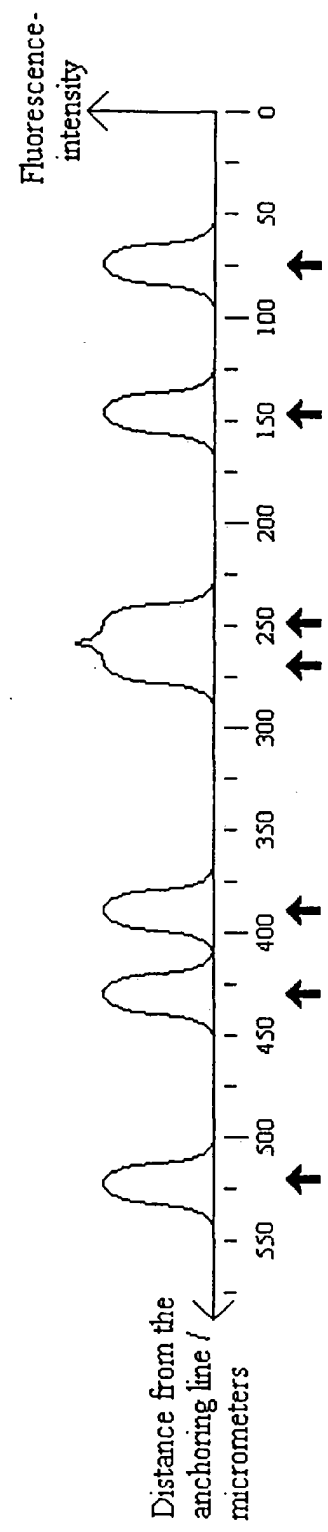


FIG. 13C

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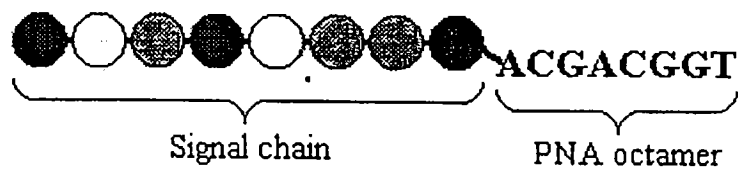


FIG. 14A

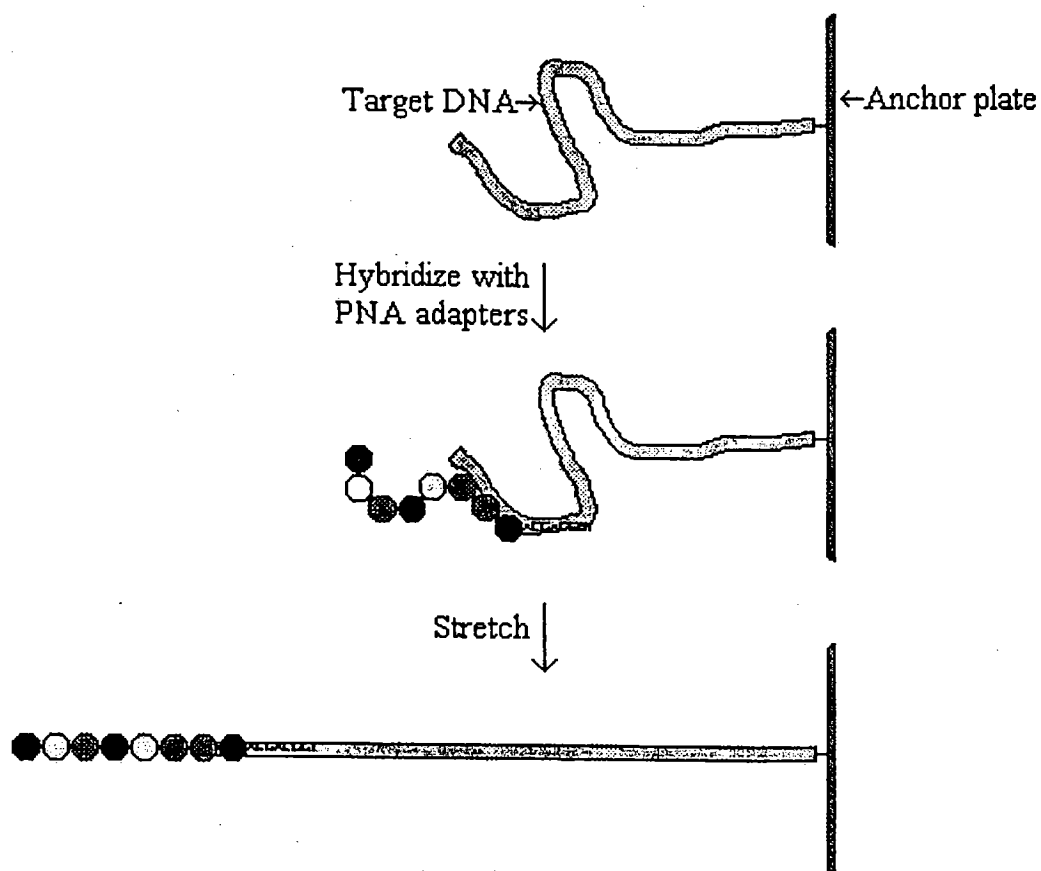


FIG. 14B



Anchor  
plate  
→

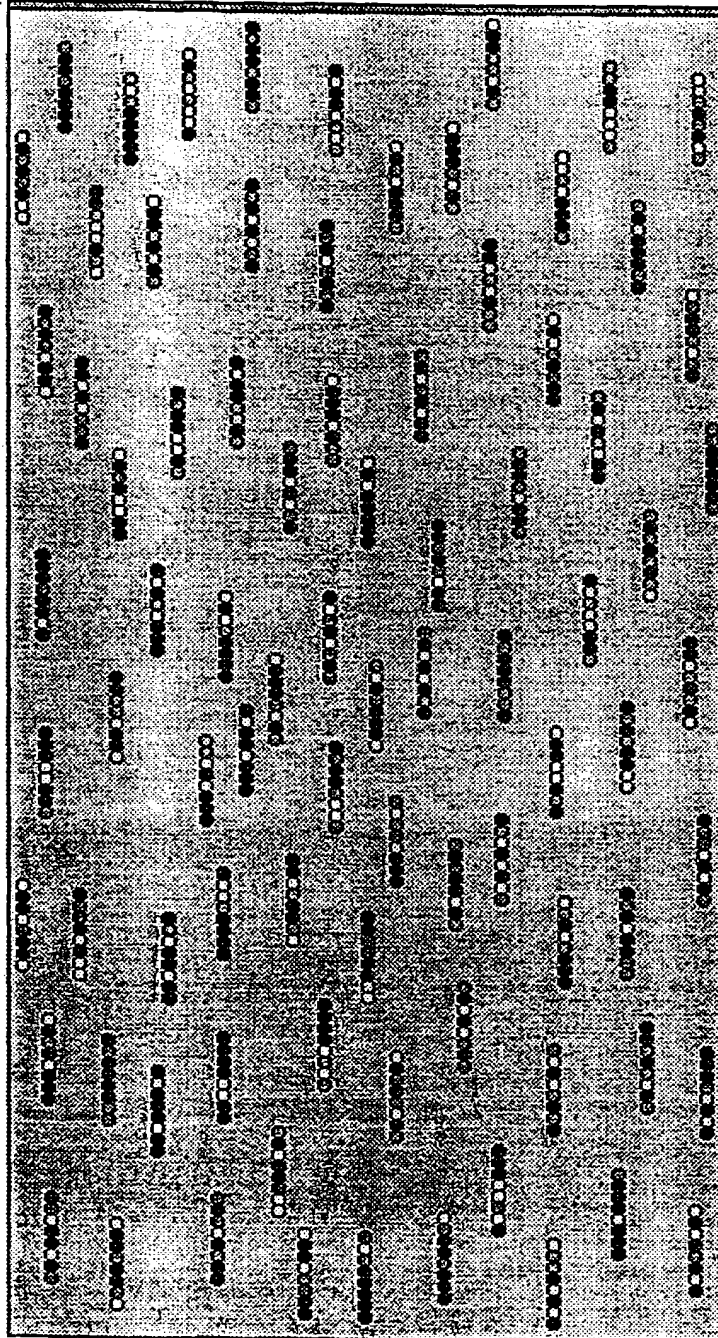


FIG. 14C

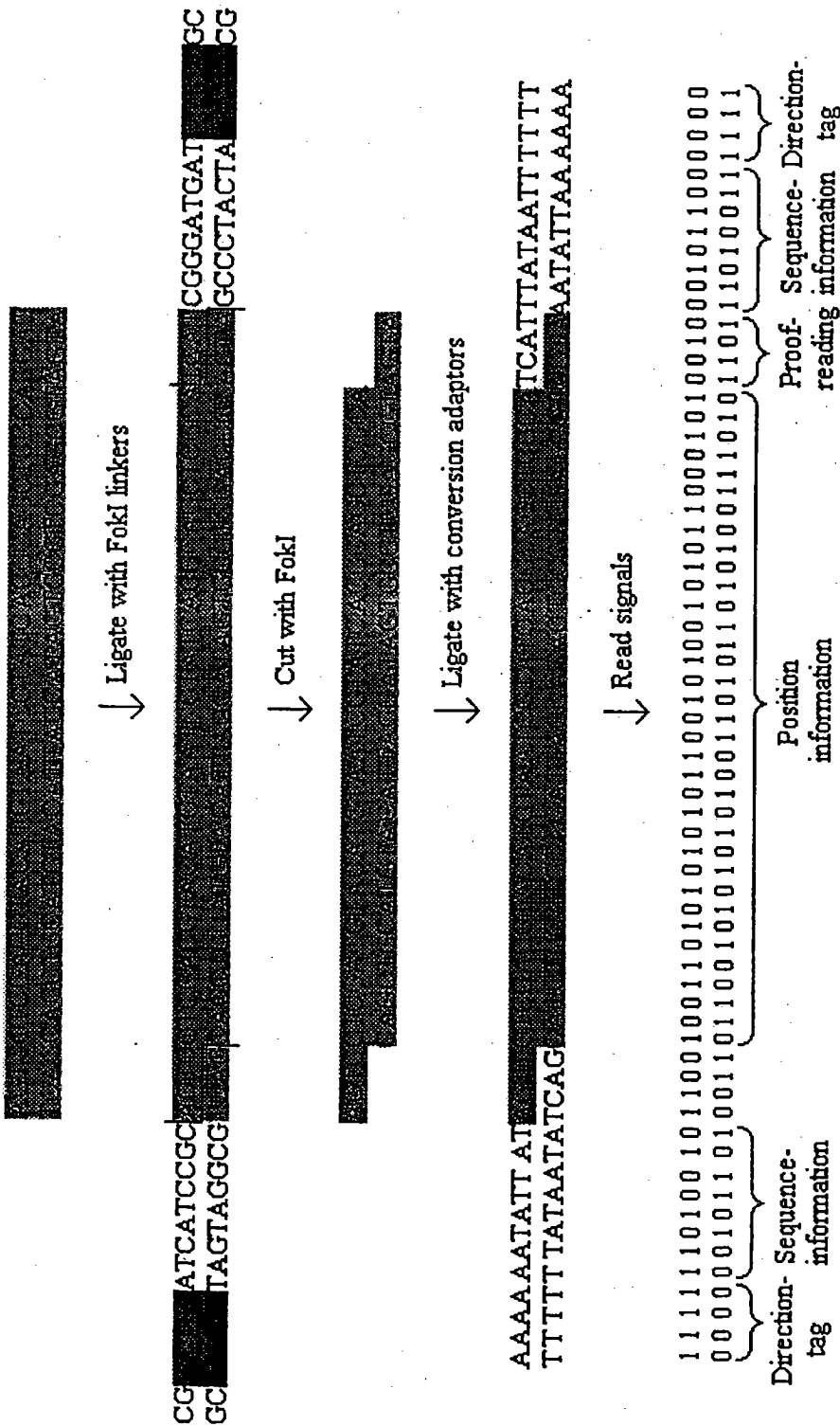


FIG. 15

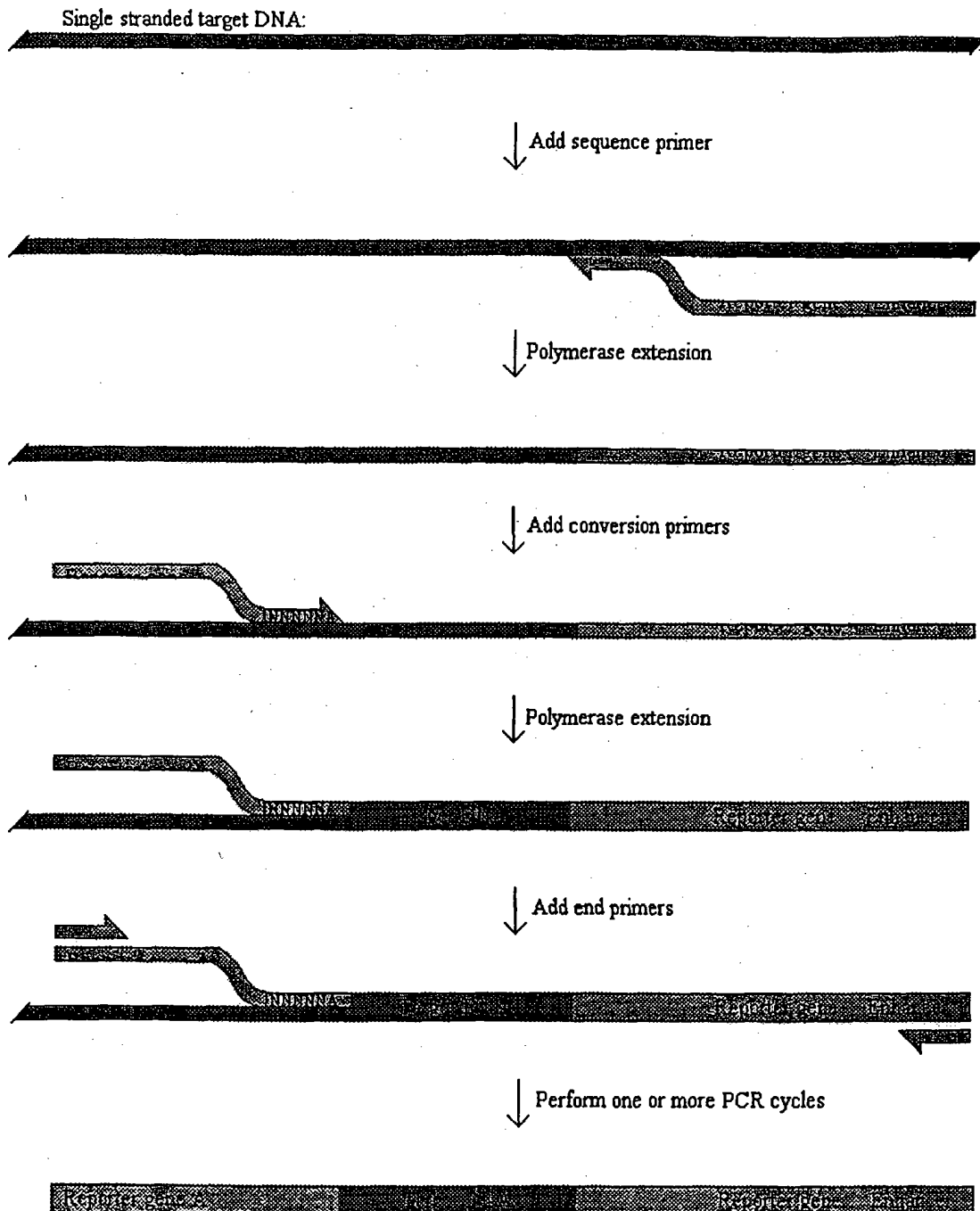


FIG. 16A

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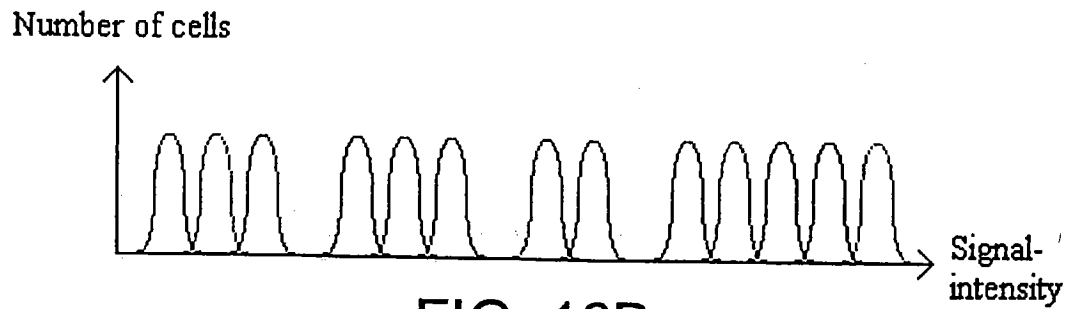


FIG. 16B

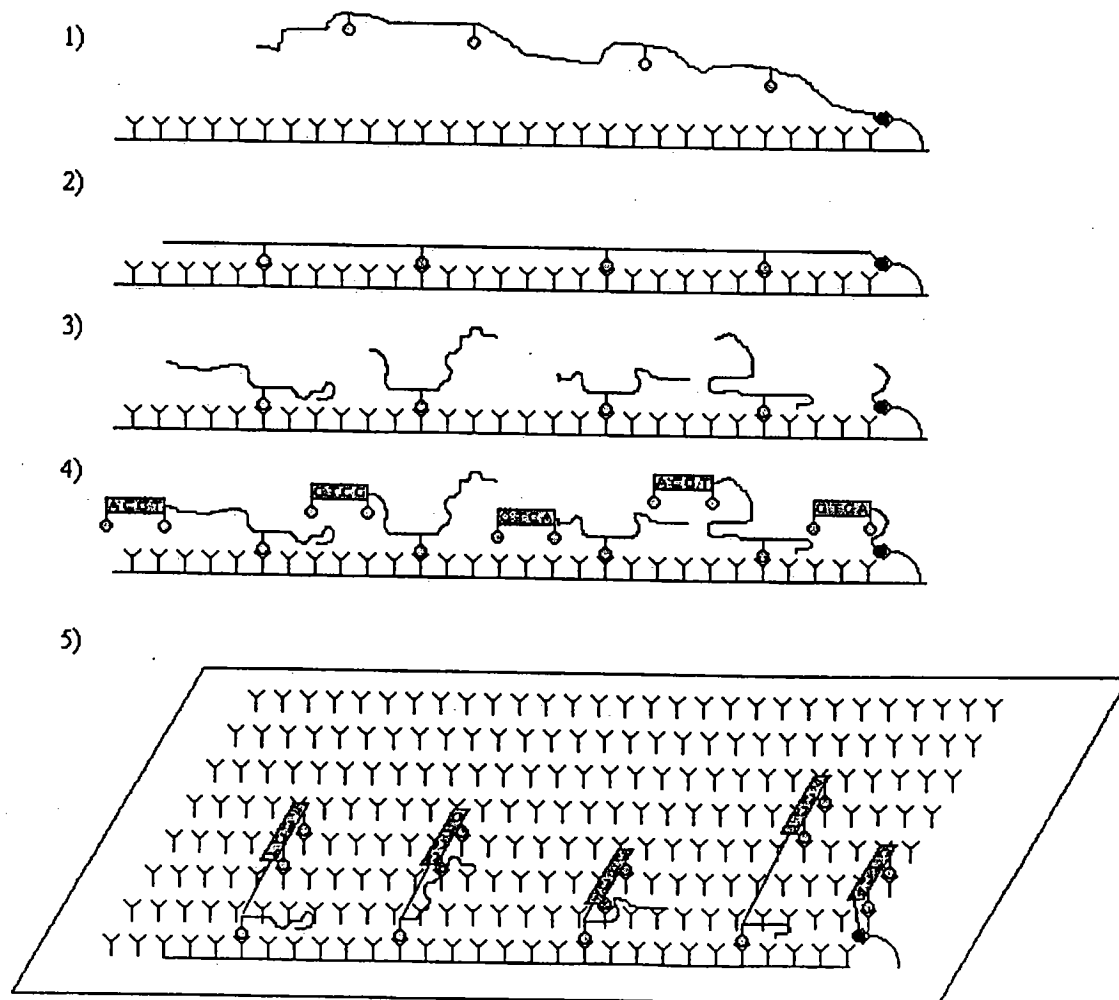


FIG. 18

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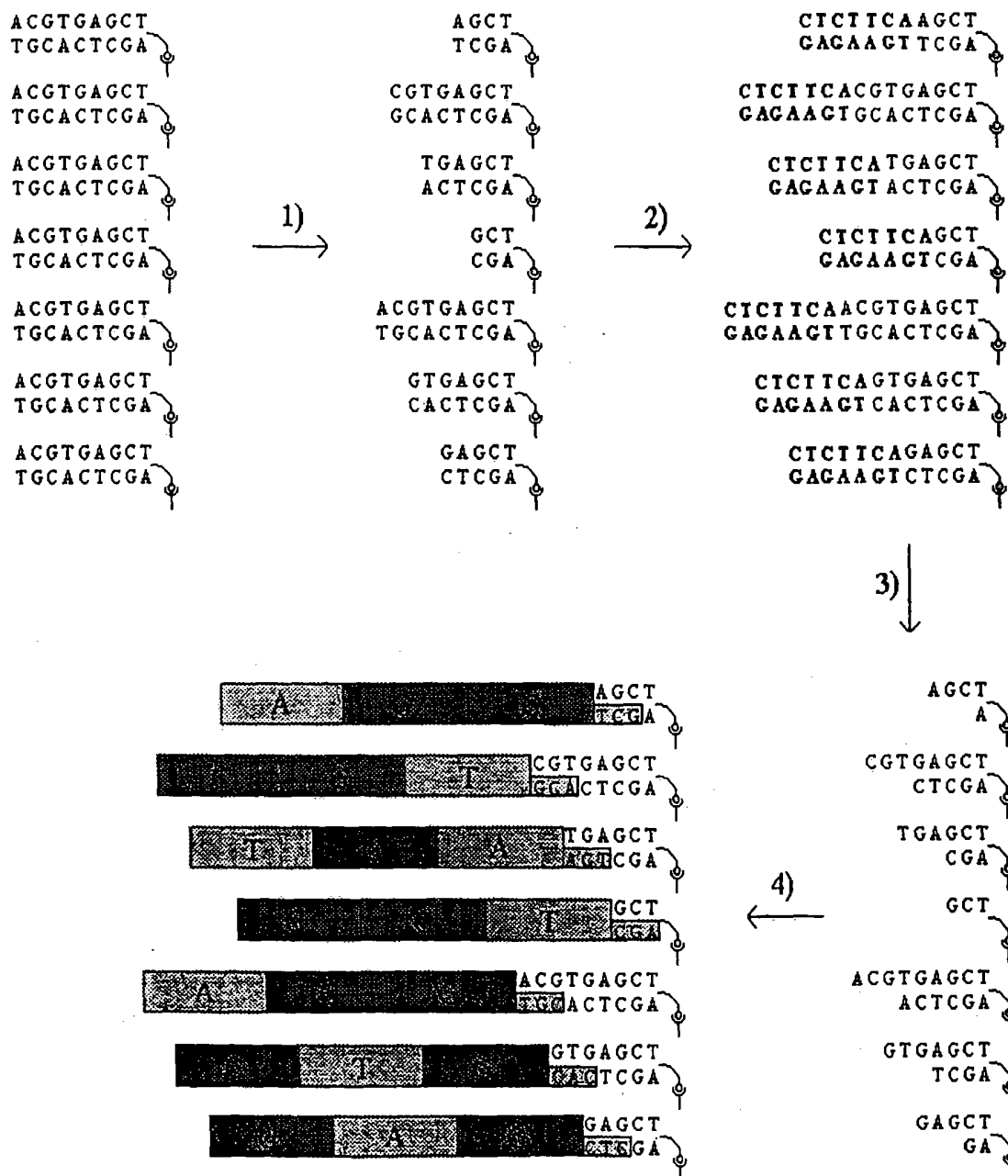


FIG. 17

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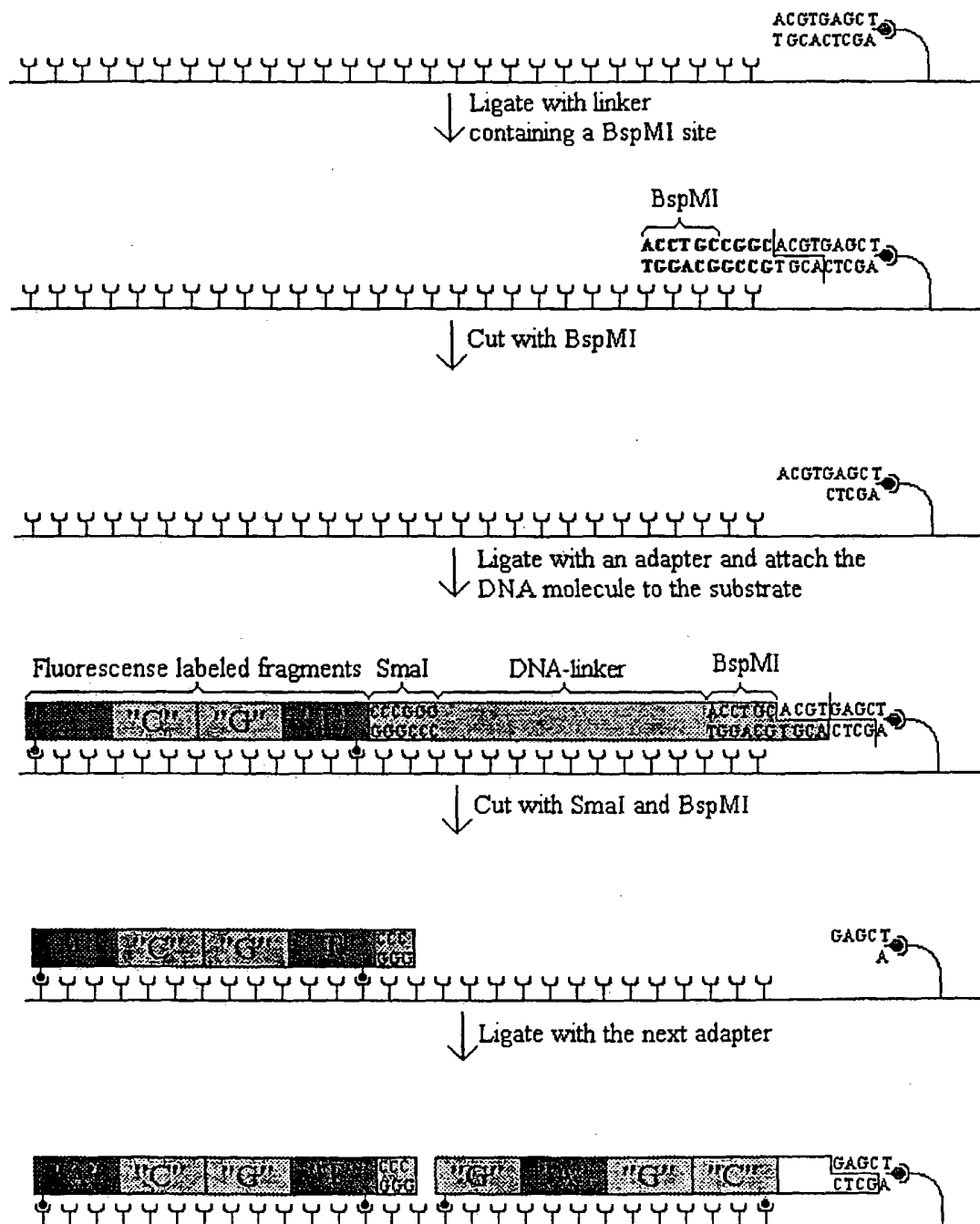


FIG. 19

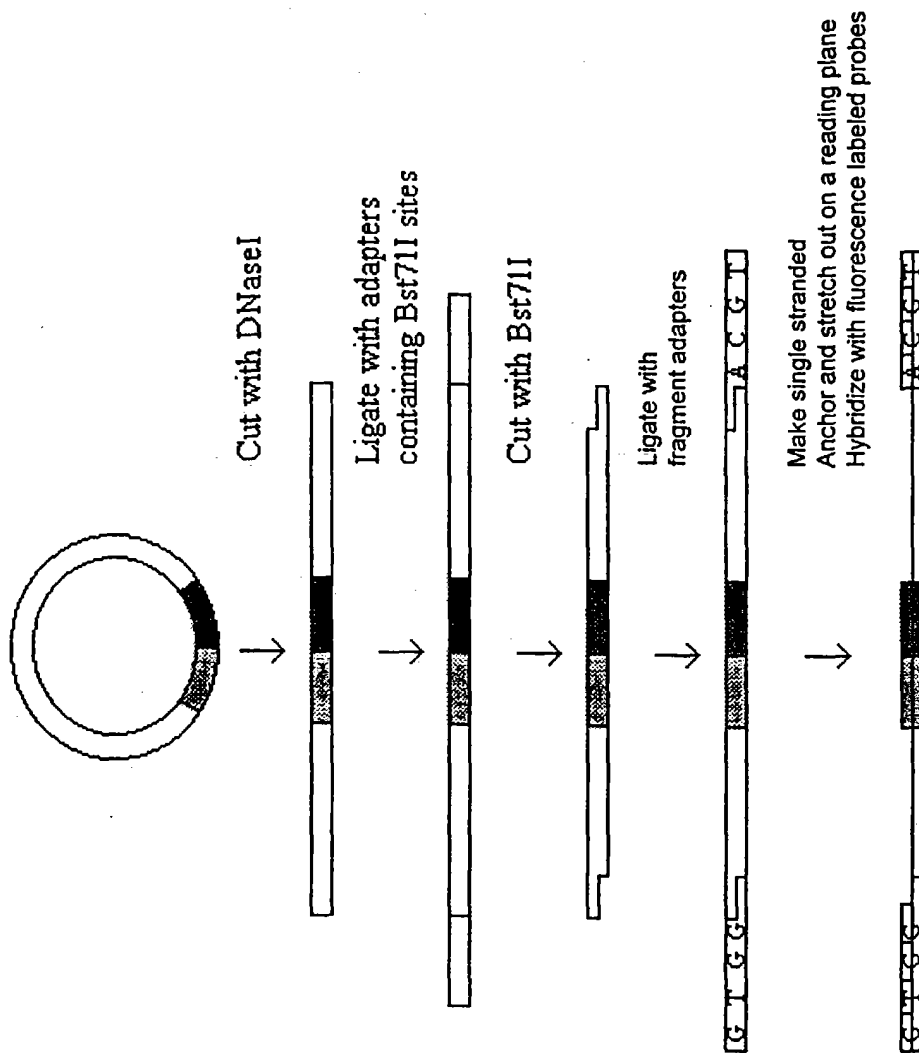
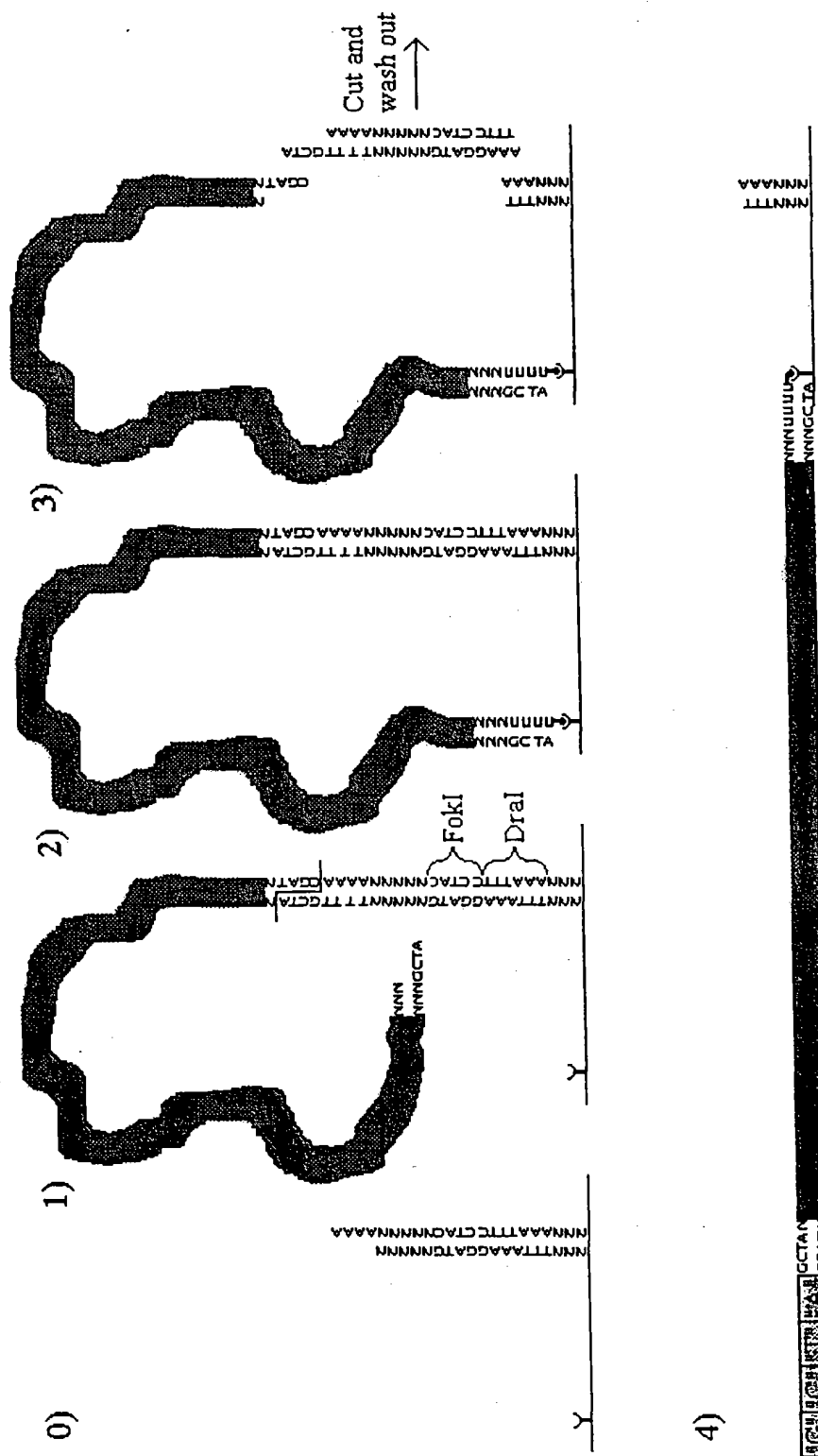


FIG. 20



**FIG. 21**



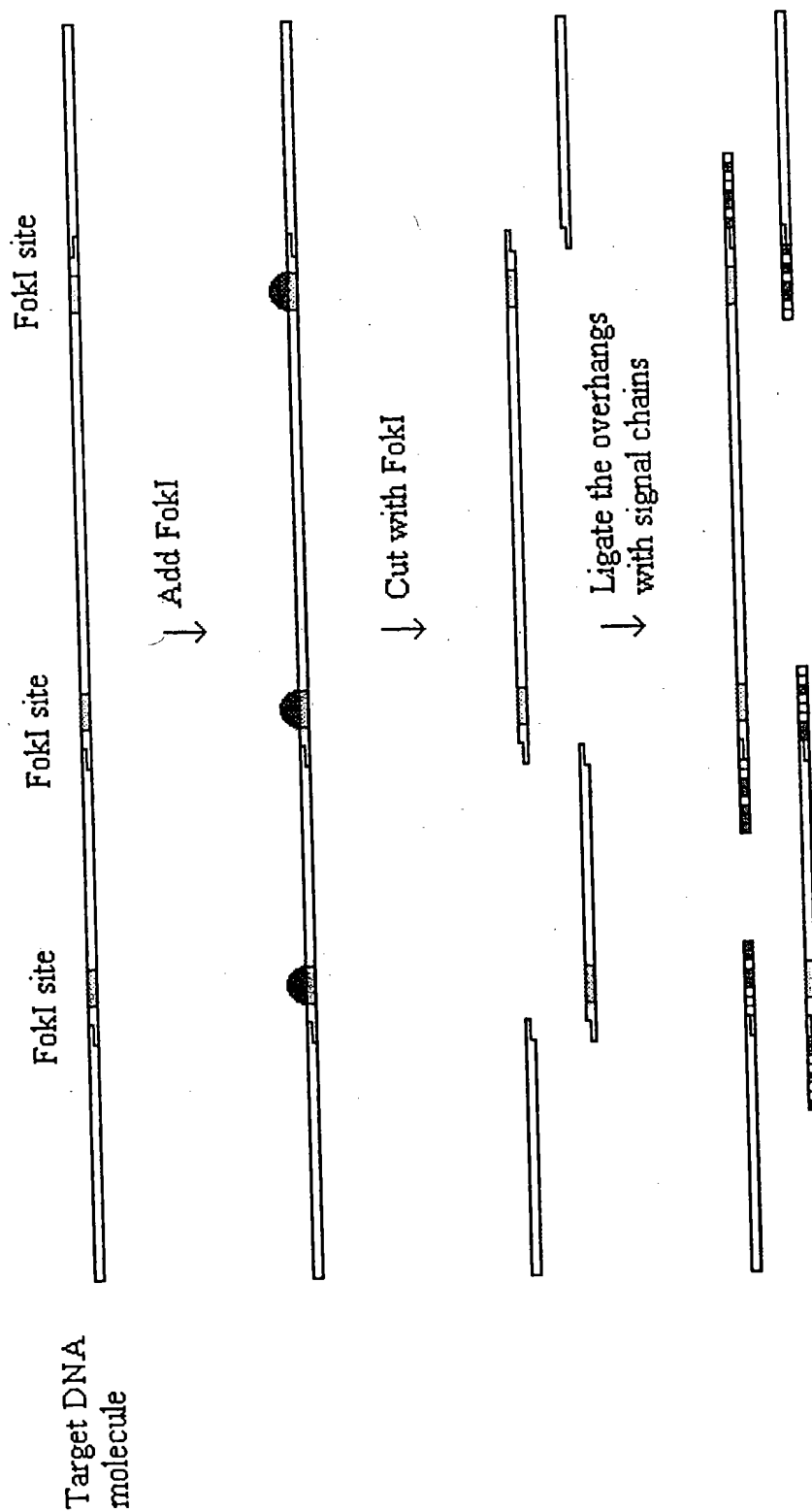


FIG. 22

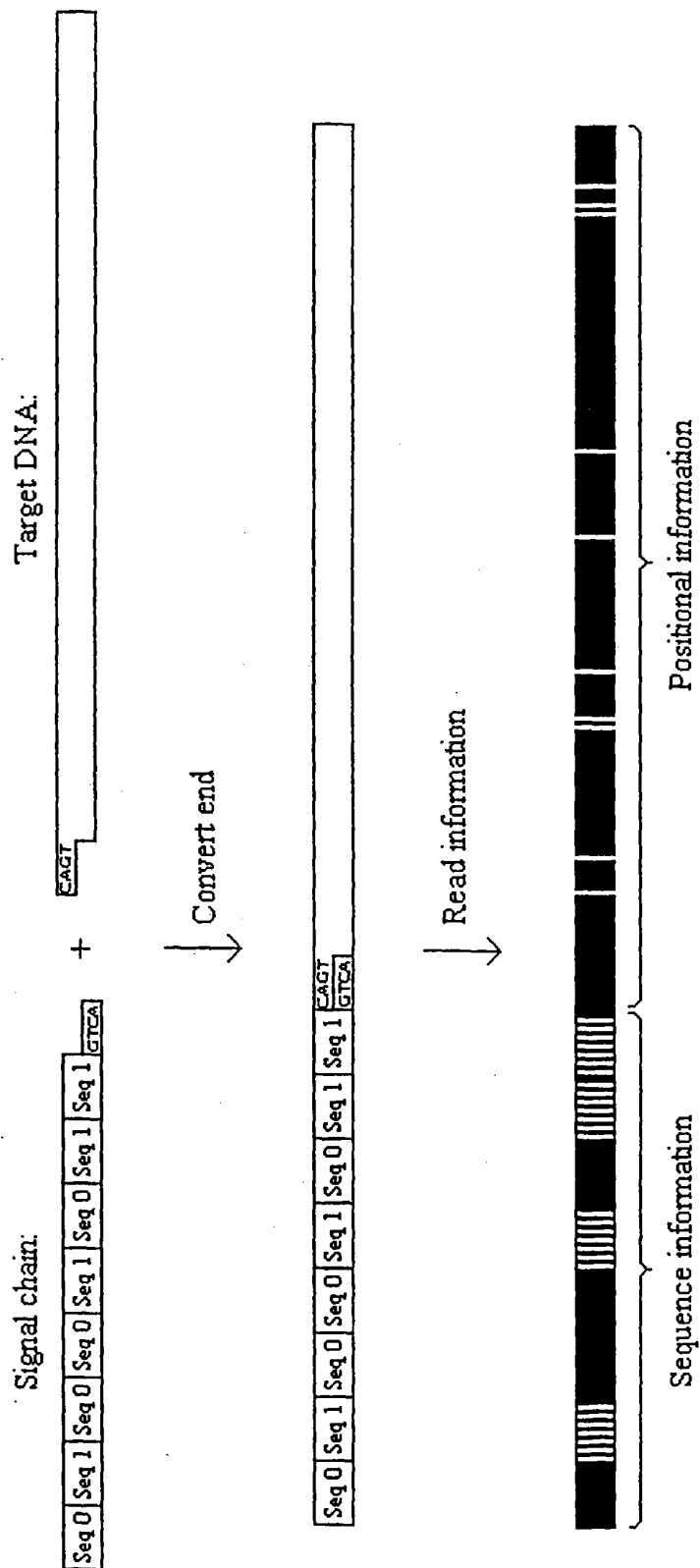
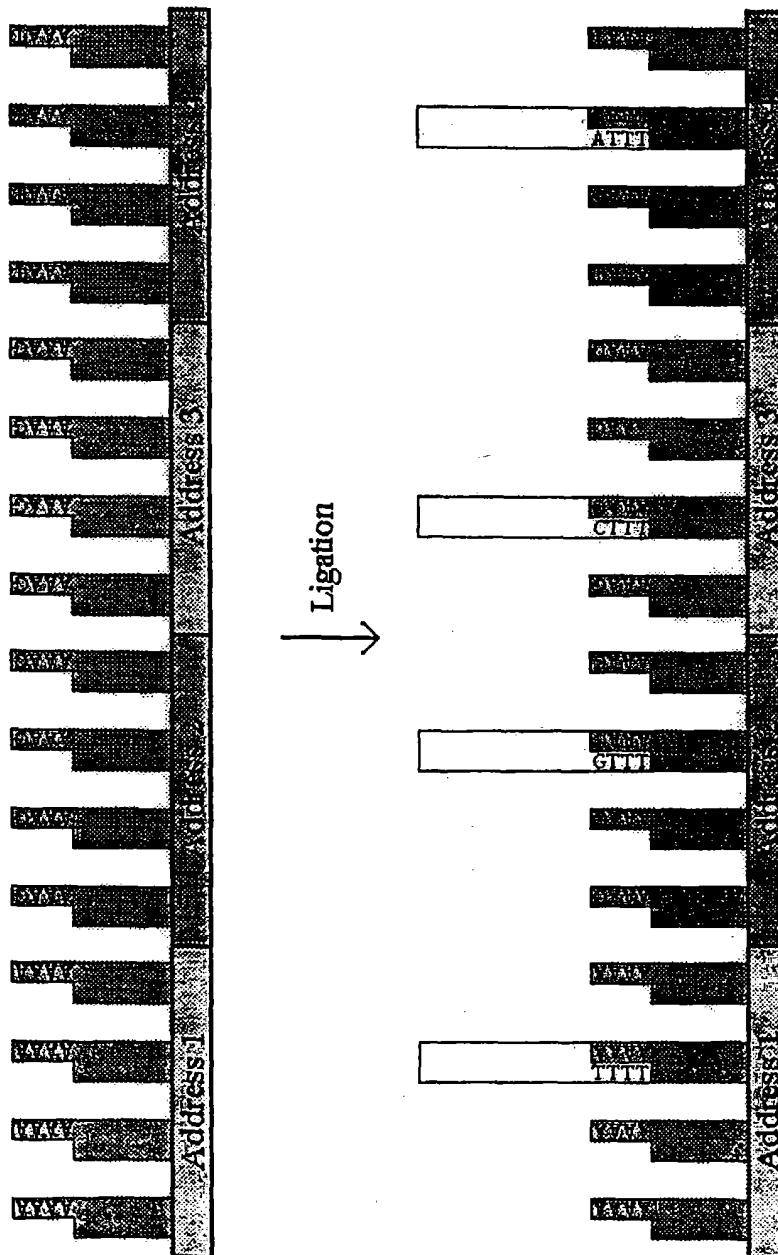


FIG. 23

FIG. 24



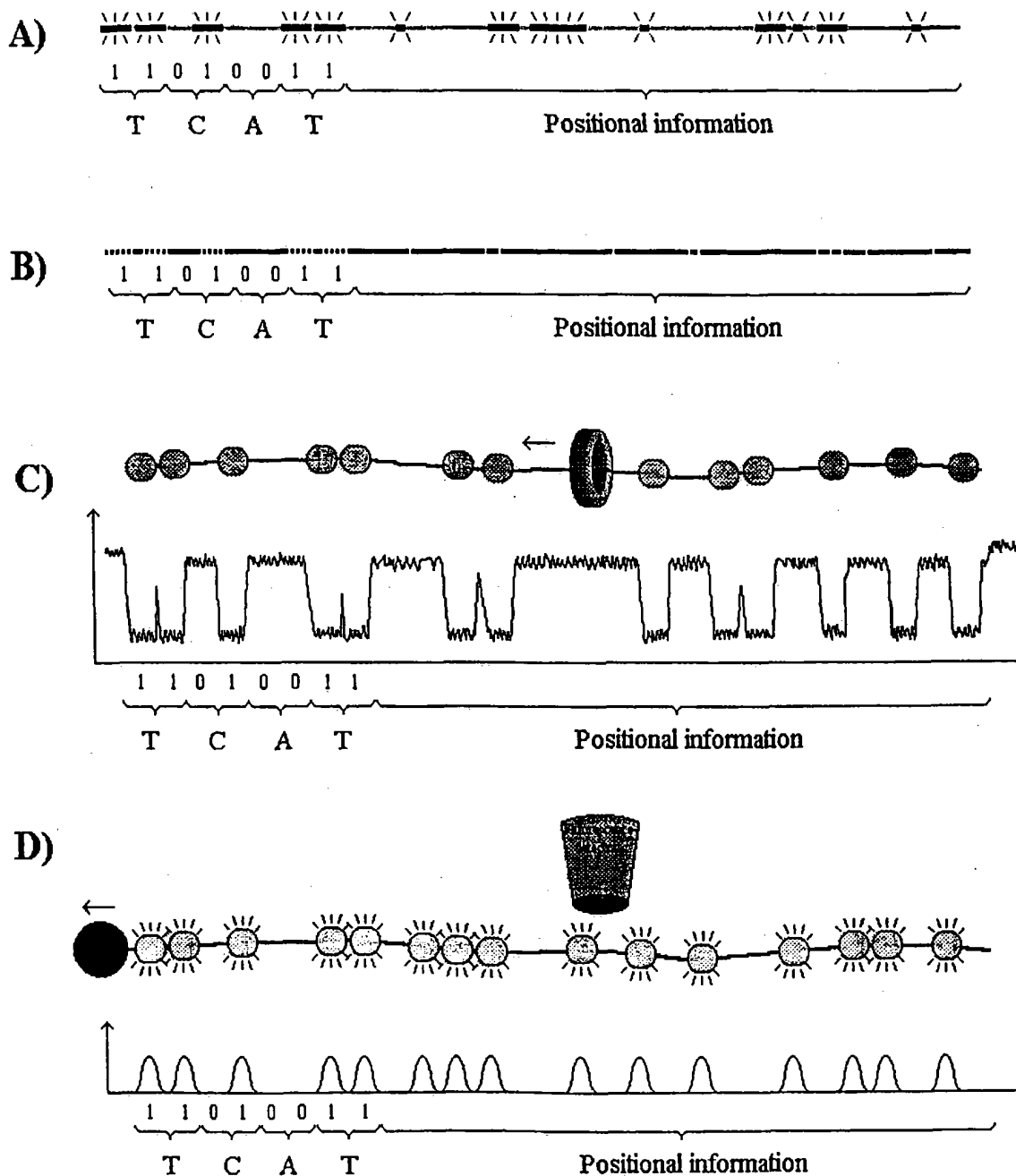


FIG. 25